



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/676,328	10/01/2003	Sunny K. Yee	200207078-1	6488
22879 7590 09/11/2007 HEWLETT PACKARD COMPANY P O BOX 272400, 3404 E. HARMONY ROAD INTELLECTUAL PROPERTY ADMINISTRATION FORT COLLINS, CO 80527-2400			EXAMINER JEAN GILLES, JUDE	
			ART UNIT 2143	PAPER NUMBER
			MAIL DATE 09/11/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/676,328

Applicant(s)

YEE, SUNNY K.

Examiner

Jude J. Jean-Gilles

Art Unit

2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 June 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-23 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-23 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 01 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

This office action is responsive to Reply filed on 06/11/2007.

Information Disclosure Statement

1. The references listed on the Information Disclosure Statement submitted on 10/01/2003 have been considered by the examiner (see attached PTO-1449A).

Response to Amendment/Arguments

2. In the claims, 1-23 are pending in the application with claims 1-4, 9, 10, 14, and 18-21 amended and claims 22, and 23 newly added herein. Claims 1-23 represent a method and apparatus for an "METHOD AND APPARATUS FOR SUPPORTING PREPROCESSING IN A WEB PRESENTATION ARCHITECTURE."

Applicant's arguments with respect to claims 1-23 have been carefully considered, but are not deemed fully persuasive. Applicant's arguments are deemed moot in view of the existing ground of rejection as explained here below. Applicants' amendments to the independent claims are not properly made and as to perhaps place them in condition for allowance.

The dependent claims stand rejected as articulated in the First Office Action and all objections not addressed in Applicant's response are herein reiterated.

In response to Applicant's arguments, 37 CFR § 1.11(c) requires applicant to "clearly point out the patentable novelty which he or she thinks the claims present in

view of the state of the art disclosed by the references cited or the objections made. He or she must show the amendments avoid such references or objections."

Examiner notes applicants have failed in presenting claims and drawings that delineate the contours of this invention as compared to the cited prior art. Applicant has failed to clearly point out patentable novelty in view of the state of the art disclosed by the references cited that would overcome the 103(a) rejections applied against the claims, the rejection is therefore sustained.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. **Claims 1-23** are rejected under 35 U.S.C. 103(a) as being unpatentable over Hanzek, Patent No. 6,980,963 B1 in view of Klevenz et al (Klevenz), U.S. Pub. No. 20030137540 A1.

Regarding **claim 1**, Hanzek teaches the invention substantially as claimed. Hanzek discloses a comprising:

a controller that is adapted to receive a request for data from a user during a user session at a portal; (fig. 3; column 8, lines 58-67; column 9, lines 1-14; *column 3, lines 40-67*); and

However, Hanzek does not disclose the details of a preprocessor that is adapted to search for a preprocessor action associated with a portal registered to the request, wherein the controller invokes the preprocessor before processing the request for data.

In the same field of endeavor, Klevenz show a preprocessor (see fig. 7, item 740), that is associated with a portal (see portal component 730) to the request (710) such that the controller (760) invokes the preprocessor before processing the request for data. In an attempt to fully utilize local resources, a request is preprocessed by a processor prior to controller processing (see Klevenz; par. 0102-0105).

Given this feature, a it would have been obvious to one of ordinary skill in the networking art at the time the invention was made to have incorporated Hanzek's teachings of preprocessing a portal request prior to registering the request with the teachings of Klevenz, for the purpose of "...allowing the controls from the controller to be centrally rendered, which provides for consistent rendering of the controls, thereby providing support messaging between controls, through requests (see Klevenz, par. 0028)". By this rationale **claim 1** is rejected.

Regarding claims 2-23 combination Hanzek- Klevenz discloses:

2. The system set forth in claim 1, wherein the preprocessor is a subcomponent of the controller (see Klevenz; fig. 7; par. 104; note that that an ordinary skill would obviously incorporated the processor 740 within the controller 740 as this is well known in the art).
3. The system set forth in claim 1, wherein the preprocessor manager is adapted to map

Art Unit: 2143

the preprocessor action to the portal (see Hanzek; fig. 3, items 318).

4. The system set forth in claim 1, wherein the preprocessor is adapted to instantiate a session-scoped object for the preprocessor action (see Hanzek; fig. 37 ABC; column 31, lines 1-30).

5. The system set forth in claim 1, wherein the preprocessor action comprises an architectural bridge adapted to facilitate communication between different server architectures (see Hanzek; fig. 3, items 324, 354, and 356).

6. The system set forth in claim 1, wherein the preprocessor action comprises an admission control adapted to continue interaction with a desired server for the duration of the user session (see Hanzek; fig. 3, items 324, 354, and 356).

7. The system set forth in claim 1, wherein the preprocessor action comprises a locale setting control adapted to set locale information for the duration of the user session (see Hanzek; fig. 37 ABC; column 31, lines 1-30).

8. The system set forth in claim 1, comprising a model and a view separate from one another and separate from the controller, wherein the model is adapted to provide an application state for the application and the view is adapted to provide a view presentation for the application (see Hanzek; column 14, lines 12-30).

9. A method of creating applications, the method comprising:

creating, with a processor-based device, a model-view-controller architecture comprising a controller that receives requests for data from users and responds to the requests by obtaining requested data(see Klevenz; fig. 7; par. 0102-0105); and providing a preprocessor manager that executes a desired action to produce information accessible by the controller for a desired time of incoming user requests (see Hanzek; see abstract; see fig. 3, items 318, 324, 352, and 354; column 2, lines 52-67; column 3, lines 40-67; column 6, lines 7-36).

10. The method set forth in claim 9, comprising configuring the preprocessor manager to execute the desired action before the controller processes the incoming user requests (see Klevenz; fig. 7; par. 0102-0105).

11. The method set forth in claim 9, comprising mapping the desired action to a portal (see Hanzek; see fig. 3, items 318, 324, 352, and 354; column 2, lines 52-67; column 3, lines 40-67; column 6, lines 7-36).

12. The method set forth in claim 9, comprising eliminating repetitious execution of the desired action for each of the incoming requests (see Hanzek; column 10, lines 7-46).

13. The method set forth in claim 9, comprising configuring the preprocessor manager

to instantiate a session-scoped object for the desired action during preprocessor startup (see Hanzek; fig. 37 ABC; column 31, lines 1-30).

14. A system for creating applications, the system comprising:

means for creating a controller that provides control functions for an application, the controller being adapted to receive a request for data from a user and respond to the request by processing the request to obtain the requested data (see Hanzek; fig. 3; column 8, lines 58-67; column 9, lines 1-14); and

means for preprocessing an action to produce session-scoped information accessible by the controller wherein preprocessing the action is performed prior to the controller processing the request to obtain the requested data (see Klevenz; fig. 7; par. 0102-0105).

15. The system set forth in claim 14, wherein the means for preprocessing comprises means for bridging communication between at least two architectures (see Hanzek; fig. 3, items 310, 340, 350, and 360).

16. The system set forth in claim 14, wherein the means for preprocessing comprises means for controlling admission to a portal (see Hanzek; see abstract; see fig. 3, items 318, 324, 352, and 354; column 3, lines 40-67).

17. The system set forth in claim 14, wherein the means for preprocessing comprises

Art Unit: 2143

means for setting locale information (see Hanzek; column 37, lines 1-30).

18. A program for creating applications, comprising:

a machine readable medium (see Klevenz; fig. 1);

a controller logic stored on the machine readable medium and adapted to receive and process a user request for data (see Hanzek; fig. 3; column 8, lines 58-67; column 9, lines 1-32); and

a preprocessor manager stored on the machine readable medium and adapted to receive a request from the controller logic to invoke an action class prior to the controller logic processing the user request (see Klevenz; fig. 7; par. 0102-0105).

19. The program set forth in claim 18, comprising controller logic stored on the machine readable medium and adapted to receive the user requests for data from users and respond to the user requests by obtaining requested data (see Hanzek; fig. 3; column 8, lines 58-67; column 9, lines 1-14).

20. (see Hanzek; Currently Amended) The program set forth in claim 18, wherein the action classes stored comprises a bridge, an admission control, a locale, or a combination thereof (see Hanzek; fig. 3; column 8, lines 58-67; column 9, lines 1-14; see also Klevenz; fig. 5).

21. The program set forth in claim 18, wherein the action classes mapped to a portal and adapted to execute logic common to the portal to provide a reusable setting (see Hanzek; see abstract; see fig. 3, items 318, 324, 352, and 354; column 3, lines 40-67).

22. *(New) The system set forth in claim 1, wherein the preprocessor processes an action associated with the portal, and the controller continues with the original request once the processing of the action is complete (see Klevenz; fig. 7; par. 0102-0105).*

23. *(New) The system set forth in claim 1, wherein the preprocessor processes an action associated with the portal, the preprocessor redirects to a uniform resource identifier and the controller ignores the original request (see Klevenz; fig. 7; par. 0102-0105).*

Conclusion

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

6. Any inquiry concerning this communication or earlier communications from examiner should be directed to Jude Jean-Gilles whose telephone number is (571) 272-3914. The examiner can normally be reached on Monday-Thursday and every other Friday from 8:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley, can be reached on (571) 272-3923. The fax phone number for the organization where this application or proceeding is assigned is (703) 305-3719.

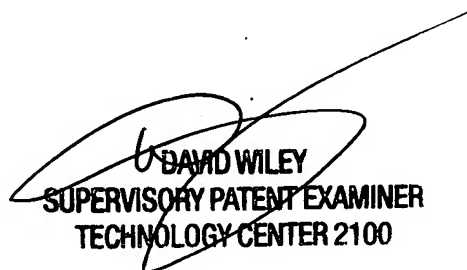
Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Jude Jean-Gilles

Patent Examiner

Art Unit 2143

August 29, 2007


DAVID WILEY
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100